

AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 250-251, 255, 261, 263, 266, 268, 271-272, 276, 282, and 286 as shown below.

This listing of claims will replace all prior versions, and listings, of claims in the application.

1 - 249. (Canceled)

250. (Currently Amended) A method for interfacing between a terminal and a ~~base station~~ radio network connected to a core network, wherein the terminal ~~has a hybrid operating type being possible to be set as~~ either a synchronous operating type or an asynchronous operating type, and the core network ~~has~~ has ~~[[are]] an~~ ANSI-41 operating type, said method comprising the steps of:

a) providing the terminal with a message comprising an information element identifying ~~the including a core network operating type information representing an~~ operating type of ~~[[a]]~~ the core network.

251. (Currently Amended) The method as recited in claim 250, wherein the step a) includes the steps of:

a1) storing ~~[[a]]~~ core network operating type information included in the message in a storage device; and

a2) reading the core network operating type information stored on ~~[[a]]~~ the storage device during a time period of initialization of the radio network.

252. (Previously Presented) The method as recited in claim 251, wherein the storage

device includes a dip switch for designating the operating type of the core network.

253. (Previously Presented) The method as recited in claim 251, wherein the storage device includes a memory for storing the operating type of the core network.

254. (Previously Presented) The method as recited in claim 253, wherein the memory is a read only memory (ROM).

255. (Currently Amended) The method as recited in claim 250, wherein the step a) includes the steps of:

- a1) inserting [[the]] core network operating type information into the message; and
- a2) transmitting the message to the terminal through a predetermined channel.

256. (Previously Presented) The method as recited in claim 255, wherein the predetermined channel is a synchronous channel.

257. (Previously Presented) The method as recited in claim 255, wherein, in said step a1), the core network operating type information is periodically inserted into the message.

258. (Previously Presented) The method as recited in claim 250, wherein the message includes a master information block.

259. (Previously Presented) The method as recited in claim 250, wherein the message includes a system information message.

260. (Previously Presented) The method as recited in claim 250, wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

261. (Currently Amended) An apparatus for interfacing between a terminal and a base station radio network connected to a core network, wherein the terminal has a ~~hybrid operating type being possible to be set as~~ either a synchronous operating type or an asynchronous operating type, and the core network has ~~has~~ [[are]] an ANSI-41 operating type, said apparatus

comprising:

a first storage device for storing core network operating type information representing
[[an]] the operating type of a-the core network;

a detection ~~extraction~~ block for reading the core network operating type information
during a time period of initialization of the radio network; and

a messaging block for providing the terminal with the core network operating type
~~information contained in a message through a predetermined channel, the message including a~~
master information block comprising an information element identifying the operating type of the
core network.

262. (Previously Presented) The apparatus as recited in claim 261, further comprising a
second storage device, contained in the terminal, for storing the recognized operating type of
the core network.

263. (Currently Amended) The apparatus as recited in claim 261, wherein the detection
block includes:

a receiver block for receiving the master information block having the core network
operating type information; and

an extraction block for extracting the core network operating type information from the
received master information block.

264. (Previously Presented) The apparatus as recited in claim 261, wherein the first
storage device includes a dip-switch for designating the operating type of the core network.

265. (Previously Presented) The apparatus as recited in claim 261, wherein the first

storage device includes a memory for storing the operating type of the core network.

266. (Currently Amended) The apparatus as recited in claim 265, wherein the memory is a read only memory (ROM).

267. (Previously Presented) The apparatus as recited in claim 261, wherein the master information block is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

268. (Currently Amended) The apparatus as recited in claim 261, wherein the messaging block:

inserts the core network operating type information into the master information block;
and

provides the terminal with the master information block through ~~[[a]]~~ the predetermined channel.

269. (Previously Presented) The apparatus as recited in claim 268, wherein the predetermined channel is a synchronous channel.

270. (Previously Presented) The apparatus as recited in claim 268, wherein the core network operating type information is periodically inserted into the master information block.

271. (Currently Amended) A method for interfacing between a terminal and a ~~base station~~ radio network connected to a core network, wherein the terminal has ~~a hybrid operating type being possible to be set as~~ either a synchronous operating type or an asynchronous operating type and the core network ~~[[is]]~~ has an ANSI-41 and GSM-MAP operating type, said method comprising the steps of:

a) providing the terminal with a message comprising an information element identifying the including a core network operating type information representing an operating type of a ~~the~~ core network.

272. (Currently Amended) The method as recited in claim 271, wherein the step a) includes the steps of:

a1) storing ~~[[a]]~~ core network operating type information included in the message in a

storage device; and

a2) reading the core network operating type information stored on [[a]] the storage device during a time period of initialization of the radio network.

273. (Previously Presented) The method as recited in claim 272, wherein the storage device includes a dip switch for designating the operating type of the core network.

274. (Previously Presented) The method as recited in claim 272, wherein the storage device includes a memory for storing the operating type of the core network.

275. (Previously Presented) The method as recited in claim 274, wherein the memory is a read only memory (ROM).

276. (Currently Amended) The method as recited in claim 271, wherein the step a) includes the steps of:

- a1) inserting [[the]] core network operating type information into the message; and
- a2) transmitting the message to the terminal through a predetermined channel.

277. (Previously Presented) The method as recited in claim 276, wherein the predetermined channel is a synchronous channel.

278. (Previously Presented) The method as recited in claim 276, wherein, in said step a1), the core network operating type information is periodically inserted into the message.

279. (Previously Presented) The method as recited in claim 271, wherein the message

includes a master information block.

280. (Previously Presented) The method as recited in claim 271, wherein the message includes a system information message.

281. (Previously Presented) The method as recited in claim 271, wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN	C-GSM			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

282. (Currently Amended) An apparatus for interfacing between a terminal and a base

station radio network connected to a core network, wherein the terminal has ~~a hybrid operating type being possible to be set as~~ either a synchronous operating type or an asynchronous operating type and the core network has ~~[[is]]~~ an ANSI-41 and GSM-MAP operating type, said apparatus comprising:

a storage device for storing core network operating type information representing ~~[[an]]~~ the operating type of ~~a the~~ core network;

a detection ~~extraction~~ block for reading the core network operating type information during a time period of initialization of the radio network; and

a messaging block for providing the terminal with ~~the core network operating type information contained in~~ a message through a predetermined channel, the message comprising an information element identifying the operating type of the core network.

283. (Previously Presented) The apparatus as recited in claim 282, wherein the storage device includes a dip-switch for designating the operating type of the core network.

284. (Previously Presented) The apparatus as recited in claim 282, wherein the storage device includes a memory for storing the operating type of the core network.

285. (Previously Presented) The apparatus as recited in claim 284, wherein the memory is a read only memory (ROM).

286. (Currently Amended) The apparatus as recited in claim 282, wherein the messaging block:

inserts the core network operating type information into ~~[[the]]~~ a master information block; and

provides the terminal with the master information block through [[a]] the predetermined channel.

287. (Previously Presented) The apparatus as recited in claim 286, wherein the predetermined channel is a synchronous channel.

288. (Previously Presented) The apparatus as recited in claim 286, wherein the core network operating type information is periodically inserted into the master information block.

289. (Previously Presented) The apparatus as recited in claim 282, wherein the message includes a master information block.

290. (Previously Presented) The apparatus as recited in claim 282, wherein the message includes a system information message.

291. (Previously Presented) The apparatus as recited in claim 282, wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING	M			

INFORMATION				
CN INFORMATION ELEMENTS				
CN TYPE	M		GSM-MAP	
PLMN IDENTITY	C-GSM			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")